

IN THE SPECIFICATION

Please amend the paragraph on page 2 at line 4 as follows:

--In this angular velocity sensor, abnormalities are diagnosed by inputting abnormality diagnostic signals to abnormality diagnostic signal input electrodes 105 and 106 and by capacitively coupling these signals between angular velocity detection electrodes 103 and 104. In addition, the reference potential ground electrodes are specially provided on surface X1 of tuning fork vibrator 100 in order to reduce errors in detecting angular velocity when abnormality diagnostic signals are inputted to abnormality diagnostic signal input electrodes 105 and 106.--

Please amend the paragraph on page 14 at line 16 and bridging page 15 as follows:

--In a position on main surface 5 that is inside center line 7 or closest to arm 2, third electrode 10 is formed as a common electrode. On third electrode 10, third piezoelectric film 14 and seventh electrode 18 are formed in this order. In a position on main surface 5 that is outside center line 7, or leftmost when FIG. 2 is viewed from the front, fourth electrode 11 is formed as a common electrode. On electrode 11, fourth piezoelectric thin film [[11]] 15 and eighth electrode 19 are formed in this order. In addition, in a position on main surface 5 that is above center line 7 of arm 3, 11th electrode 23 is formed. On electrode 23, sixth piezoelectric thin film 24 and 12th electrode 25 are formed in this order.--

Please amend the paragraph on page 18 at line 3 as follows:

--Self-diagnostic circuit 91 includes input terminals 60 and 61, first differential amplifier 62, second amplifier 63, differential amplifier 64 and full-wave rectifiers 80, 83 and 84. Self-diagnostic circuit 91 further includes comparator 81, reference value generators 82, 87 and 88, angular velocity [[and]] signal/self-diagnostic signal output terminal 68, first comparator 85, second comparator 86, first self-diagnostic signal output terminal 89 and second self-diagnostic signal output terminal 90.--